



PUBLIC ADMINISTRATION

Economy - Sectors

Step 1: Understanding Yesterday and Today

Metropolitan Core Jobs & Economy Land Use Plan

Highlights

- 7% of Metro Core employment is in this sector.
- Nearly 50% of these jobs are with the Federal government.
- The Metro Core has 79% of city jobs and 34% of regional jobs in this sector. This is a higher than average share.
- 40% of Metro Core employees in this sector live in Vancouver.
- The CBD has a larger number of these jobs than any other Metro Core sub-area. However, DTES East has the largest percent of its jobs in this sector.



What is included in this sector?

This sector is comprised of establishments engaged in the enactment and interpretation of governmental laws and regulations and the administration of programs based upon those laws and regulations. Examples of activities conducted in this sector include legislative activities, taxation, national defence, public order and safety, and immigration services (*Statistics Canada*).

JOBS

How many people are employed in this sector?

In 2001, nearly 14,000 people were employed in the public administration sector in the Metro Core. This is 7% of all Metro Core employees. The Federal government is the largest Metro Core employer in this sector (Table 1).

Table 1: Jobs by type
(3,000 or more employees)

Sub-sector	Metro Core	
Federal government (excluding defence)	6,350	45%
Municipal and regional government (including police and fire)	3,995	29%
Provincial government	3,310	24%
Public administration total	13,965	100%

Statistics Canada 2001 Census: Jobs by NAICS (4 digit), 2001.xls. See Note 1.

How does this compare to the rest of the city and the region?

(a) Percent of total jobs

The public administration sector accounts for approximately 7% of all jobs in the Metro Core. This is higher than the rest of the city and region where this sector accounts for approximately 3% and 4% of all employment respectively (Table 2).

	Metro Core	Rest of city	Rest of region
Total jobs	199,955	112,700	589,115
Number of people working in public administration	13,965	3,610	23,300
% of total jobs	7%	3%	4%

Statistics Canada 2001 Census. Jobs by NAICS (2 digit), 2001.xls

(b) Share of public administration jobs

The Metro Core has a higher than average share of city and regional jobs in this sector:

- 79% of city jobs in this sector are located in the Metro Core (vs. 64% of all city jobs)
- 34% of regional jobs in this sector are in the Metro Core (vs. 22% of all regional jobs)

This high share applies generally to most sub-sectors, except for defence services (Table 3).

Sub-sector	Metro Core's share of city	City total	Metro Core's share of region	Region total
International public administration (e.g. consulates)	100%*	130	96%*	135
Aboriginal public administration	94%*	90	22%*	395
Federal government (excluding defence)	83%*	7,665	41%*	15,475
Provincial government	82%*	4,025	36%*	9,170
Municipal and regional government (includes police and fire)	74%*	5,430	26%*	15,225
Defence services	43%	245	22%	485
Public administration total	79%	17,580	34%	40,885
All sectors total	64%	312,660	22%	901,775

Statistics Canada 2001 Census: Jobs by NAICS (4 digit), 2001.xls. Note: * indicates share is greater than 64% of city jobs or 22% of regional jobs.

How has this employment changed over time?

The analysis of economic sectors over time is limited due to changes to the industrial classification methods used by Statistics Canada over the past 25 years. In 1981, the majority of the jobs within the public administration sector were classified in the "government service industries" sector. From 1981 to 2001, government service jobs in the Metro Core increased by 6%, compared to a 14% increase for all jobs (Table 4).

	1981	2001	% change
Total jobs	193,846	221,246	14%
Government service industries jobs	13,894	14,681	6%

Statistics Canada 1981 & 2001 Census: Jobs by SIC, 1981 to 2001.xls. See Note 2.

Who is working in this sector and what do they do?

Women occupy 50% of the positions in the Metro Core public administration sector. This is higher than the rest of the city and on par with the rest of the region, where women occupy 43% and 51% of the positions in this sector, respectively. Overall, women occupy 50% of all jobs in the region.

Fulltime workers hold 91% of public administration jobs in the Metro Core. Full time employment is more common in the Metro Core than the rest of the city and region, where 84% and 85% of public administration workers are employed on a full time basis. Overall, 77% of all jobs in the region provide full time work (*Statistics Canada 2001 Census: Jobs by NAICS (2-digit and 4-digit) by work activity by sex.xls*).

Not surprisingly, nearly half of the people employed in public administration work in business, finance and administrative occupations (Table 5).

Occupation	Number of employees	Percentage
Business, finance and administrative occupations	6,495	46%
Sales and service occupations (includes police and fire)	2,290	16%
Occupations in social science, education, government service and religion	1,630	12%
Management occupations	1,340	10%
Natural and applied sciences and related occupations	1,340	10%
Trades, transport and equipment operators and related occupations	320	2%
Occupations in art, culture, recreation and sport	310	2%
Total	13,965	100%

Statistics Canada 2001 Census: Jobs by NAICS by Occupation, 2001.xls.

Where do employees in this sector live?

Approximately 40% of employees in the Metro Core public administration sector reside in the City of Vancouver. This is considerably lower than the average of 53% across all sectors (Table 6).

Table 6: Where Metro Core workers live
(areas with 200 or more residents employed in this sector in the Metro Core)

Area	Number of workers	Percentage
Vancouver*	5,565	40%
South of Fraser	2,105	15%
Burnaby/New West	1,920	14%
North Shore	1,235	9%
NE Sector	1,140	8%
Richmond	930	7%
Maple Ridge/ Pitt Meadows	355	3%
Langley's	245	2%
Total	13,965	100%

*Statistics Canada 2001 Census: Jobs by NAICS by POR, Metro Core, 2001.xls. Note: * includes people who work at home in this sector in the Metro Core.*

BUSINESSES

How many businesses are in this sector and what size are they?

There are only 60 business establishments in the public administration sector in the Metro Core. This is under 1% of all establishments in the Metro Core (60 out of 28,805). However, 7% of Metro Core employees work in this sector (13,965 out of 199,955).

Public administration establishments in the Metro Core are much more likely to be large employers than establishments in other sectors. Nearly half of all establishments in this sector have over 100 employees compared to 3% across all Metro Core sectors. (*Statistics Canada: Businesses by NAICS (2-digit) by Size, 2001.xls*).

How do these businesses compare to the rest of the city and the region?

The Metro Core has a smaller proportion of businesses with less than 20 employees and a higher proportion of businesses with over 100 employees compared to the rest of the city and region (Table 7).

# of employees	Metro Core		Rest of city		Rest of region	
1-4	12	20%	2	33%	8	13%
5-19	10	17%	2	33%	29	48%
20-49	4	7%	1	17%	4	7%
50-99	5	8%	1	17%	2	3%
100-499	18	30%	0	0%	6	10%
500+	11	18%	0	0%	12	20%
Total	60	100%	6	100%	61	100%

Statistics Canada: *Businesses by NAICS (2-digit) by Size, 2001.xls*.

SPACE AND LOCATION

How many people work from home in this sector?

Of those people employed in this sector in the Metro Core, less than 1% work from home (Table 8).

	Metro Core	City	GVRD
Total	13,975	17,585	40,885
Work at home	90	260	985
%	0%	1%	2%
% across all sectors	3%	7%	9%

Statistics Canada: *Jobs by NAICS (2 digit), 2001.xls*.
 Note: Figures above do not include employees with no fixed place of work.

Where in the Metro Core is this sector located?

The largest numbers of public administration jobs by employment area are as follows (see Figure 1 on 2nd last page):

- Central Business District- 7,500 jobs
- Broadway Central - 2,100 jobs
- DTES East - 1,700 jobs

(Statistics Canada 2001 Census-- *Jobs by NAICS (2 digit) Emp Areas, 2001.xls*)

Overall, 7% of Metro Core jobs are in public administration. Sub-areas where this sector comprises significantly more than 7% are (Table 9 on 2nd last page):

- DTES East (31%)
- Broadway Central (20%) (see Table 9 on 2nd last page).

What types of space does this sector occupy?

While specific data is not available to connect each sector with its type of space, observation suggests that Metro Core businesses in this sector occupy mostly office spaces.

WHAT ELSE DO WE KNOW ABOUT THE ECONOMIC ROLE OF THIS SECTOR?

The public administration sector typically generates 5% of British Columbia's Gross Domestic Product and accounts for 5% of employees in BC. This is lower than the Metro Core where 7% of all employees work in this sector (*BC Stats -- BC GDP by Industry and BC Employment by Industry*).

Figure 1: Distribution of jobs

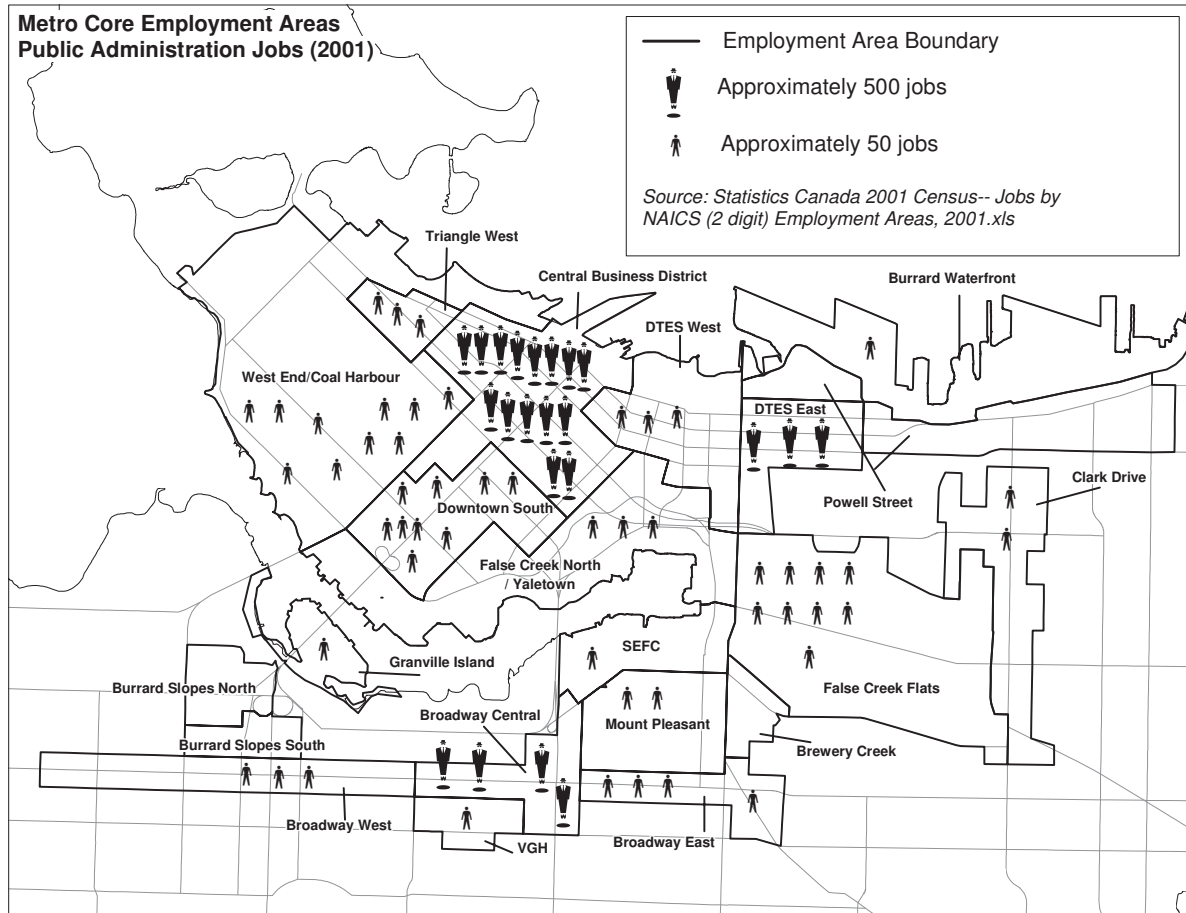


Table 9: Percent of total jobs by employment area

DTES East	31%	Downtown South	3%	Mount Pleasant	1%
Broadway Central	20%	West End/Coal Harbour	3%	Granville Island	1%
Central Business District	10%	DTES West	2%	Brewery Creek	1%
False Creek Flats	10%	False Creek North/Yaletown	2%	VGH	0%
Broadway East	7%	Burrard Waterfront	2%	Burrard Slopes South	0%
SEFC	5%	Broadway West	2%	Burrard Slopes North	0%
Triangle West	4%	Clark Drive	2%	Powell Street	0%

Statistics Canada 2001 Census-- Jobs by NAICS (2-digit), Employment Areas, 2001.xls. Note: Available data for the Burrard Waterfront employment area covers a geography that exceeds the boundaries of the Metro Core.

Sources / Contacts

Sources of information are recorded throughout this Information Sheet. Additional notes are provided here:

1) In this paper, NAICS refers to the 1997 North American Industrial Classification System, which was the system used by Statistics Canada in 2001 to categorize jobs and businesses by industry sector.

2) Re: Table 4 - Data in this table are categorized according to 1980 SIC (Standard Industrial Classification). SIC was the classification method used by Statistics Canada prior to the 2001 Census. The job totals in Table 4 are higher because they include an estimate of jobs with no fixed place of work. This estimate is reached by assigning to the Metro Core a share of the workers with no fixed place of work. The share is determined on a sector by sector basis and is based on the number of workers with a known place of work.

This Information Sheet was published by the City of Vancouver. It is one in a series of Information Sheets produced for the Metropolitan Core Jobs and Economy Land Use Plan. The purpose of this initiative is to develop a long term land use policy plan to accommodate future economic activity and jobs in the Metro Core. For further information, please e-mail corejobs@vancouver.ca or visit the website www.vancouver.ca/corejobs